

KSC LAUNCH OPERATIONS DIRECTIVE NO. 12B

From:

Subject: ASSIGNMENT AND CONTROL OF LAUNCH COMPLEX 39
TECHNICAL AREAS

The provisions of this directive are applicable to all organizational elements within the Directorate of Launch Operations that are responsible for the preparation and launch of space vehicles from LC-39.

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5.1 INSTRUCTIONS

5.1.1 RESPONSIBILITIES

a. Basically, the organizational element assigned a given area, as specified by this directive, is considered responsible for all activities and conditions existing within that area, including housekeeping, safety, and the general well-being of the area.

b. Even through the organizational element assigned tenant responsibilities cannot be held accountable for work practices of other elements in the area, the tenant element, as defined herein, is responsible to stop work if practices are observed that may result in injury to personnel or damage to equipment.

c. It is not expected, nor intended, that other KSC organizational elements needing to pass through, or perform work within an area assigned by this directive will routinely receive specific permission from the tenant organization to enter that area. However, the tenant element assigned responsibility by this directive does have the prerogative to control entrance and/or to terminate or defer work which the entrant is planning to do if such work is not compatible with other work going on, or if it imposes a safety hazard at that time and place.

d. The tenant organizational element is responsible to insure that all equipment and materials used in an area are compatible with the operational activities to be conducted within that area.

e. The tenant organizational element will insure that each area is properly cleaned and secured at all times. Routine walk-throughs of the assigned areas by the tenant is mandatory to insure against possible hazards or other conditions not in accord with safe practice.

f. The tenant organizational element is responsible to initiate change requests or support requests for their assigned area when deemed necessary for operational or safety reasons.

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5.1.2 LIMITATIONS

The tenant organizational element is not responsible for the operation, maintenance failure reporting, or configuration control of equipment or systems which may pass through or may be located in this area, unless such responsibilities have been previously assigned him by other authority.

Nothing in this Instruction shall supersede previous instructions regarding access to launch vehicle interiors as specified in LOD No. 3A.

Area control responsibility as defined in this directive is not intended to replace or supersede the Apollo/Saturn Area Permit badge system. Proper badging, even though a criteria for entrance into a given area, does not negate the controls and responsibilities set forth herein.

5.1.3 CONFLICTS

In those cases where a disagreement arises between two elements as to whether or not a given activity should be occasioned within an area, or as to the condition of the area upon the conclusion of some activity, the entrant shall comply with the tenant organization for that area, and may then refer the matter through appropriate supervision for resolution by the Test Supervisor.

6.1 COMPLEX 39 AREA ASSIGNMENTS

Area assignments are as follows:

6.1.1 LCC FIRING ROOMS

Firing rooms are the direct responsibility of the Test Supervisor.

6.1.2 OTHER LCC AREAS

Laboratory or shop spaces are the responsibility of the specific occupant (contractor or government personnel). See Attachments 10 and 11.

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6.1.3 VAB HIGH AND LOW BAY ROOM AREAS

Laboratory or shop spaces are the responsibility of the specific occupant (contractor or government personnel).

6.1.4 LOW BAY CHECKOUT CELLS

Launch Vehicle Operations. Checkout cell areas include the areas between two adjacent cells, the adjustable platforms, the checkout dolly, engine access platform, and the VAB floor area bounded by the cell.

6.1.5 ML EXTERIOR AREAS

See Attachments 1, 2 and 3.

6.1.6 ML INTERIOR AREAS

See Attachments 4, 5 and 6.

6.1.7 MOBILE SERVICE STRUCTURE

See Attachment 7.

6.1.8 HIGH BAY EXTENSIBLE PLATFORMS

See Attachments 8 and 9.

6.1.9 LOX ELECTRICAL EQUIPMENT BUILDING

See Attachment 12.

6.1.10 OPERATIONS SUPPORT BUILDING A-1

See Attachment 12.

6.1.11 LOX STORAGE AND TRANSFER FACILITY

See Attachment 12.

6.1.12 RP-1 AND LH2 ELECTRICAL EQUIPMENT BUILDING

See Attachment 12.

6.1.13 RP-1 STORAGE AND TRANSFER FACILITY

See Attachment 12.

6.1.14 OPERATIONS SUPPORT BUILDING A-2

See Attachment 12.

6.1.15 LH2 STORAGE AND TRANSFER AREA

See Attachment 12.

6.1.16 AZIMUTH ALIGNMENT BUILDING

See Attachment 12.

6.1.17 TRAILERS

Responsibility of the occupant.

6.1.18 PTCR AND ECS BUILDING PAD A

All rooms, office, shop or work areas are the responsibility of specific occupant. See Attachments 13 and 14.

6.1.19 OPERATIONS SUPPORT BUILDING B-2

See Attachment 15.

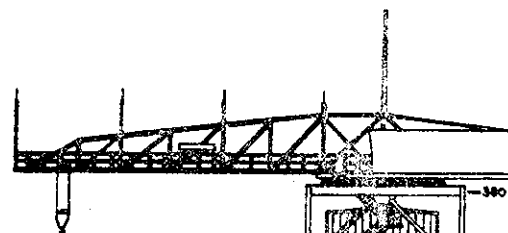
6.1.20 OPERATIONS SUPPORT BUILDING B-1

See Attachment 15.

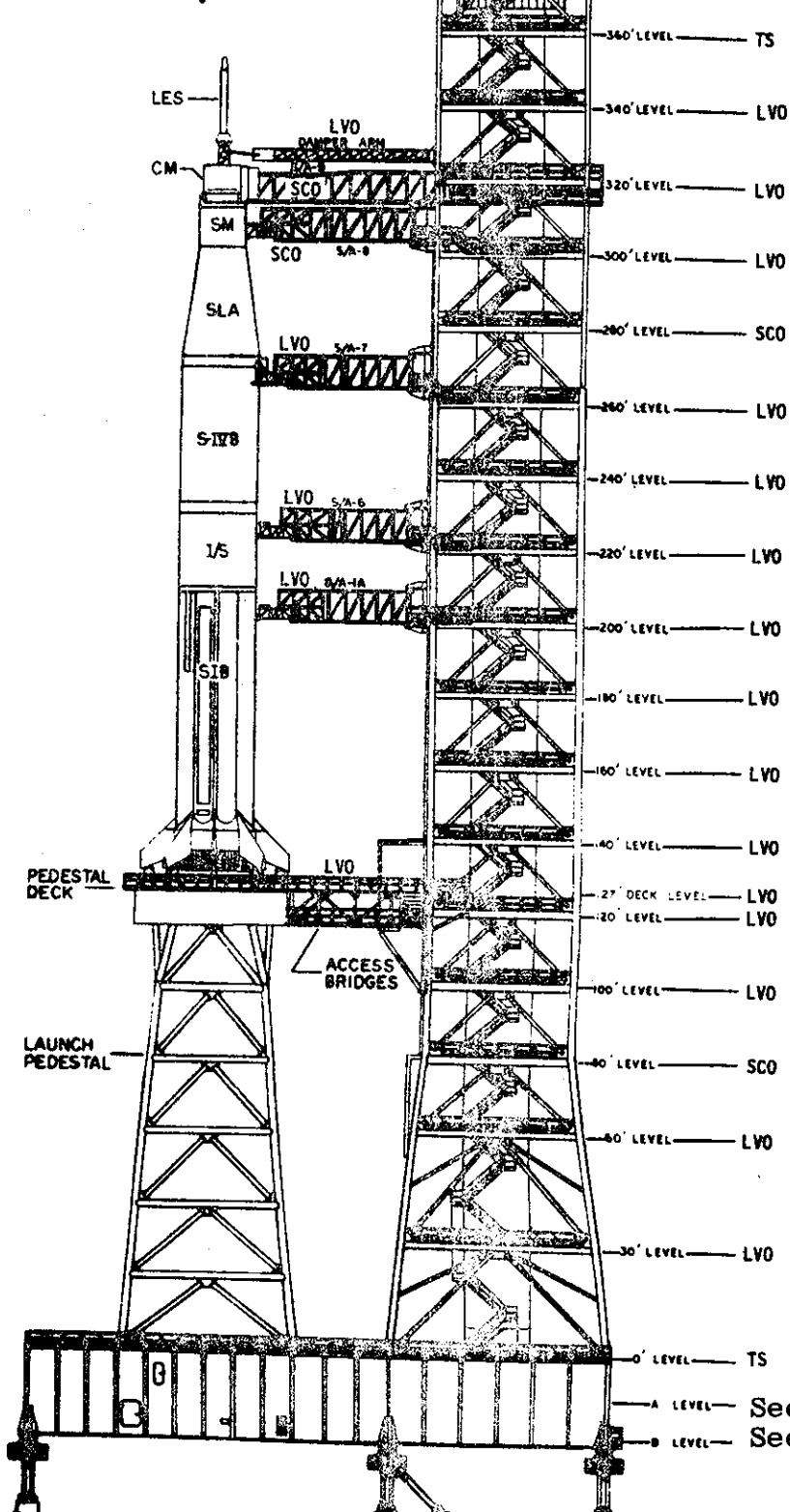
6.1.21 PTCR AND ECS BUILDING PAD B

All rooms, office, shop or work areas are the responsibility of specific occupant. See Attachments 16 and 17.

End of Directive.

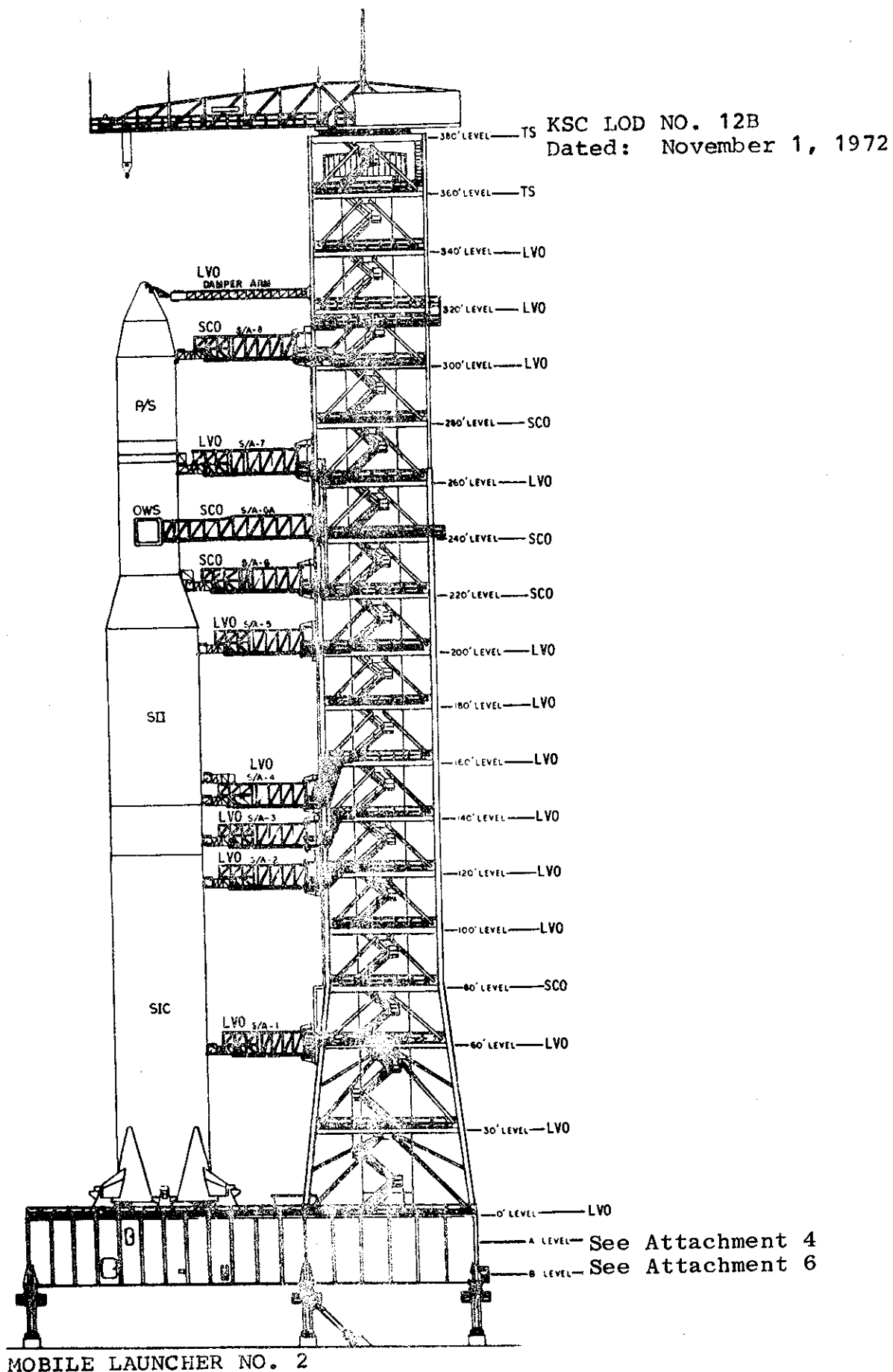


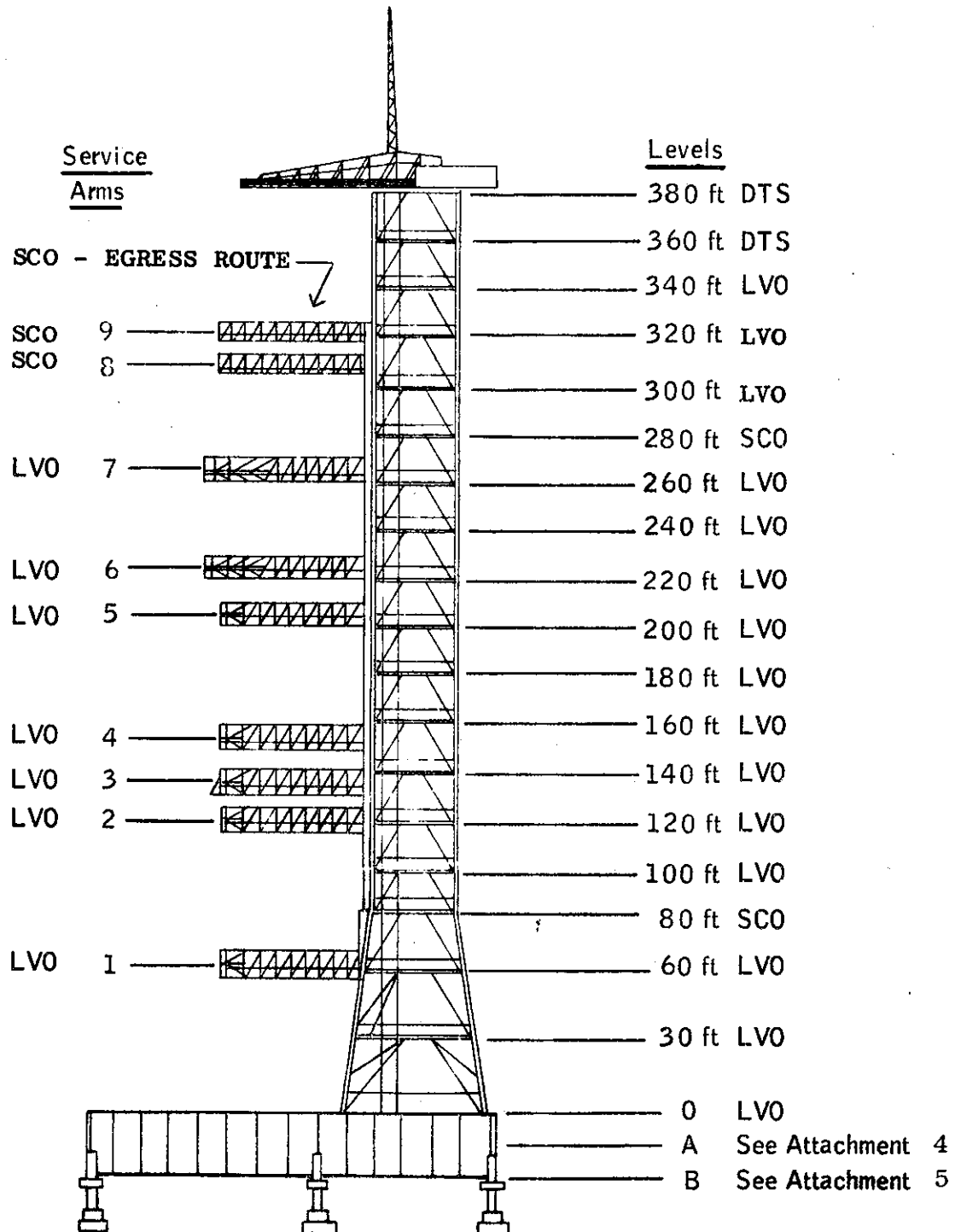
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 Dated: November 1, 1972



MOBILE LAUNCHER NO. 1

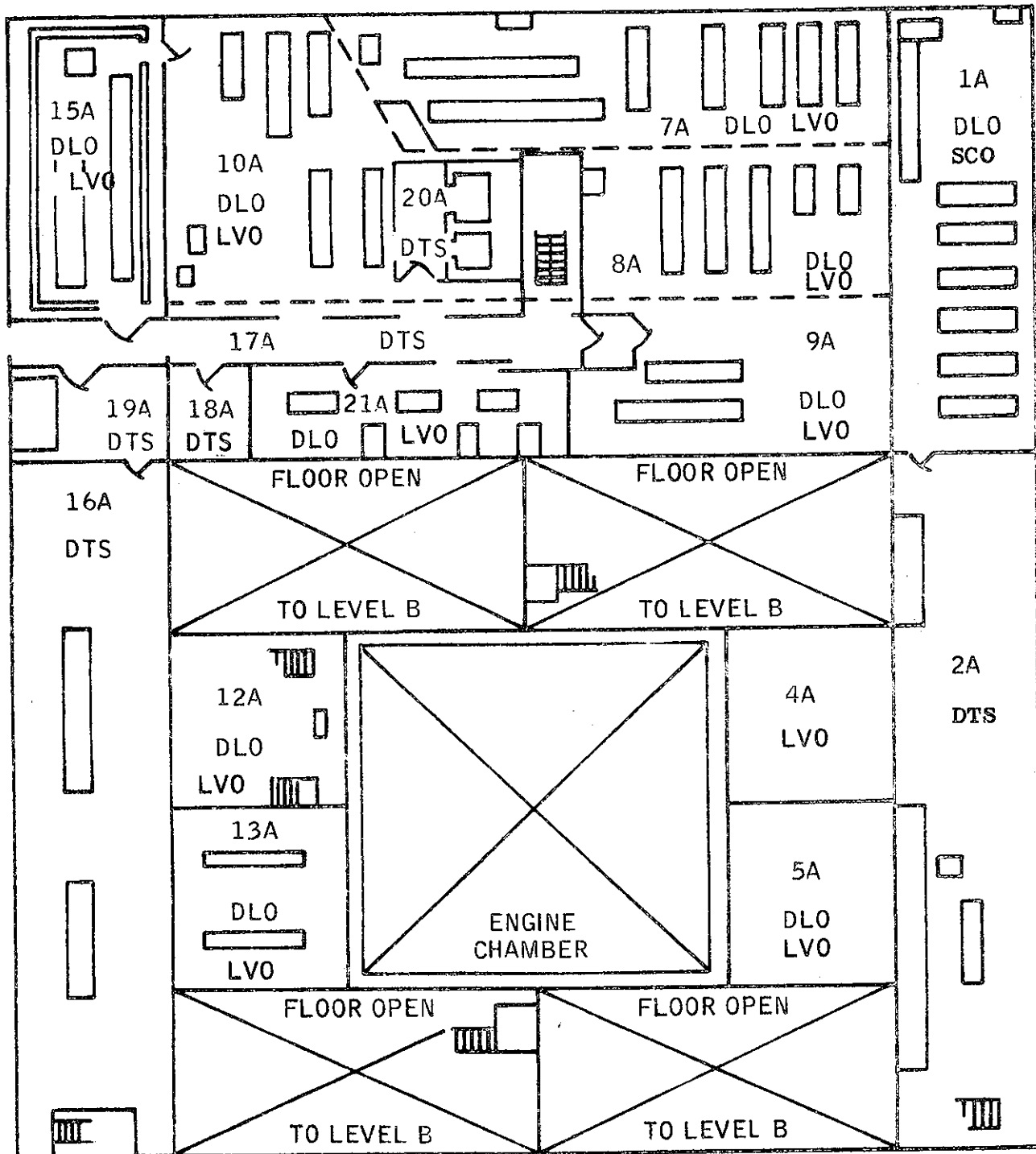
A LEVEL See Attachment 4
 B LEVEL See Attachment 5





MOBILE LAUNCHER NO. 3

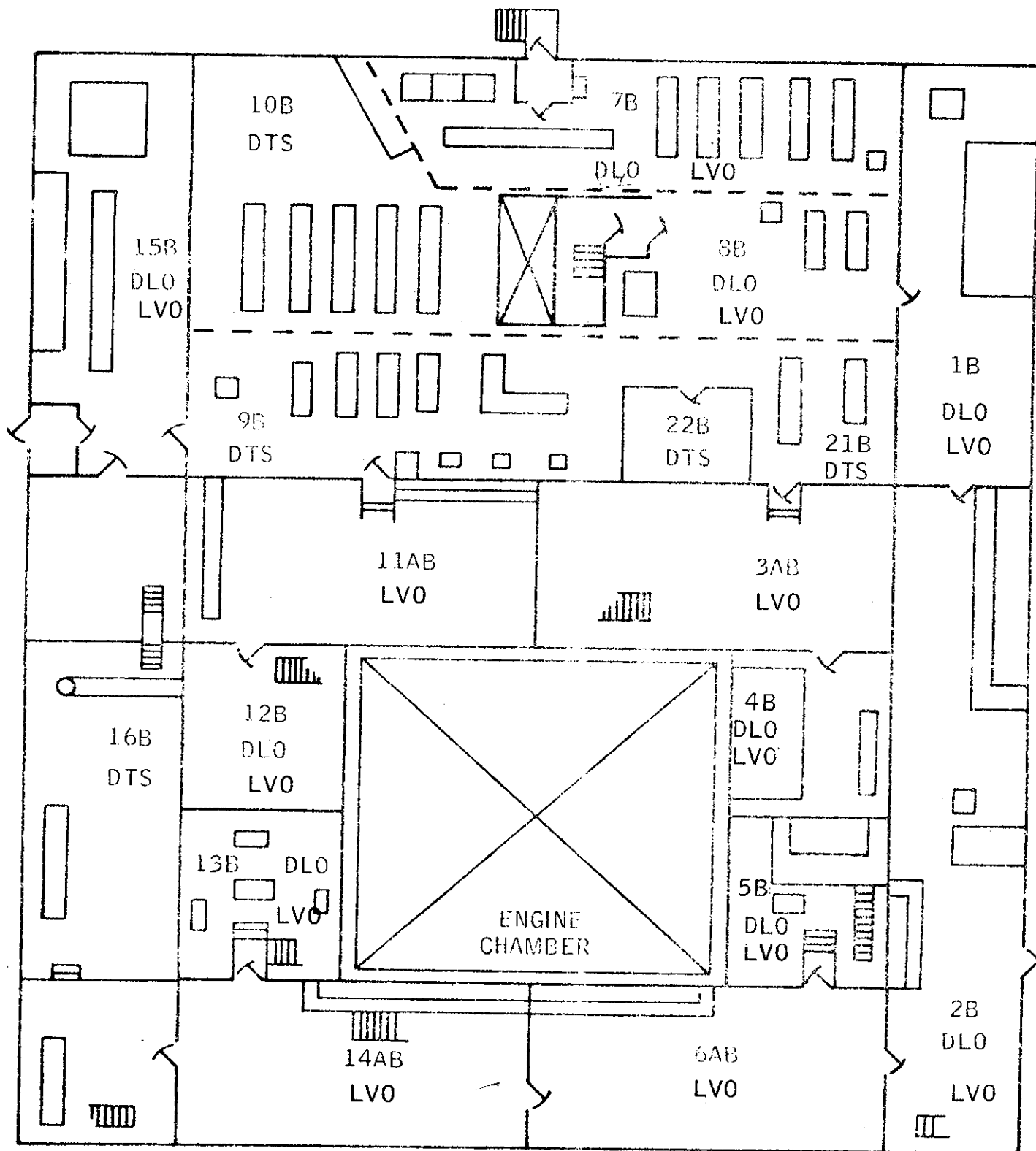
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MOBILE LAUNCHERS - LEVEL A

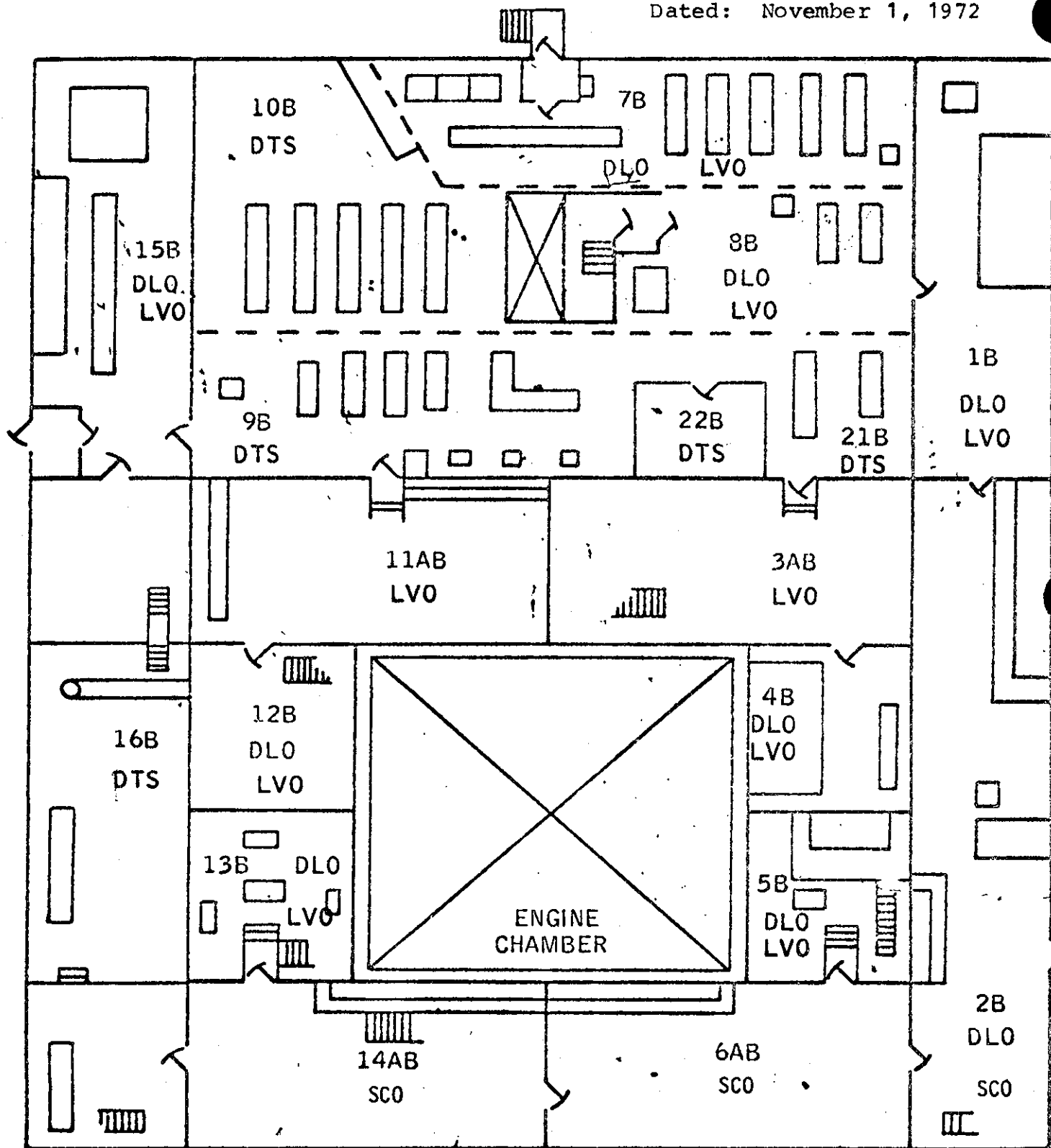
Attachment 4

KSC LOD NO. 12B
Dated: November 1, 1972



MOBILE LAUNCHER NO. 1 AND NO. 3 - LEVEL B

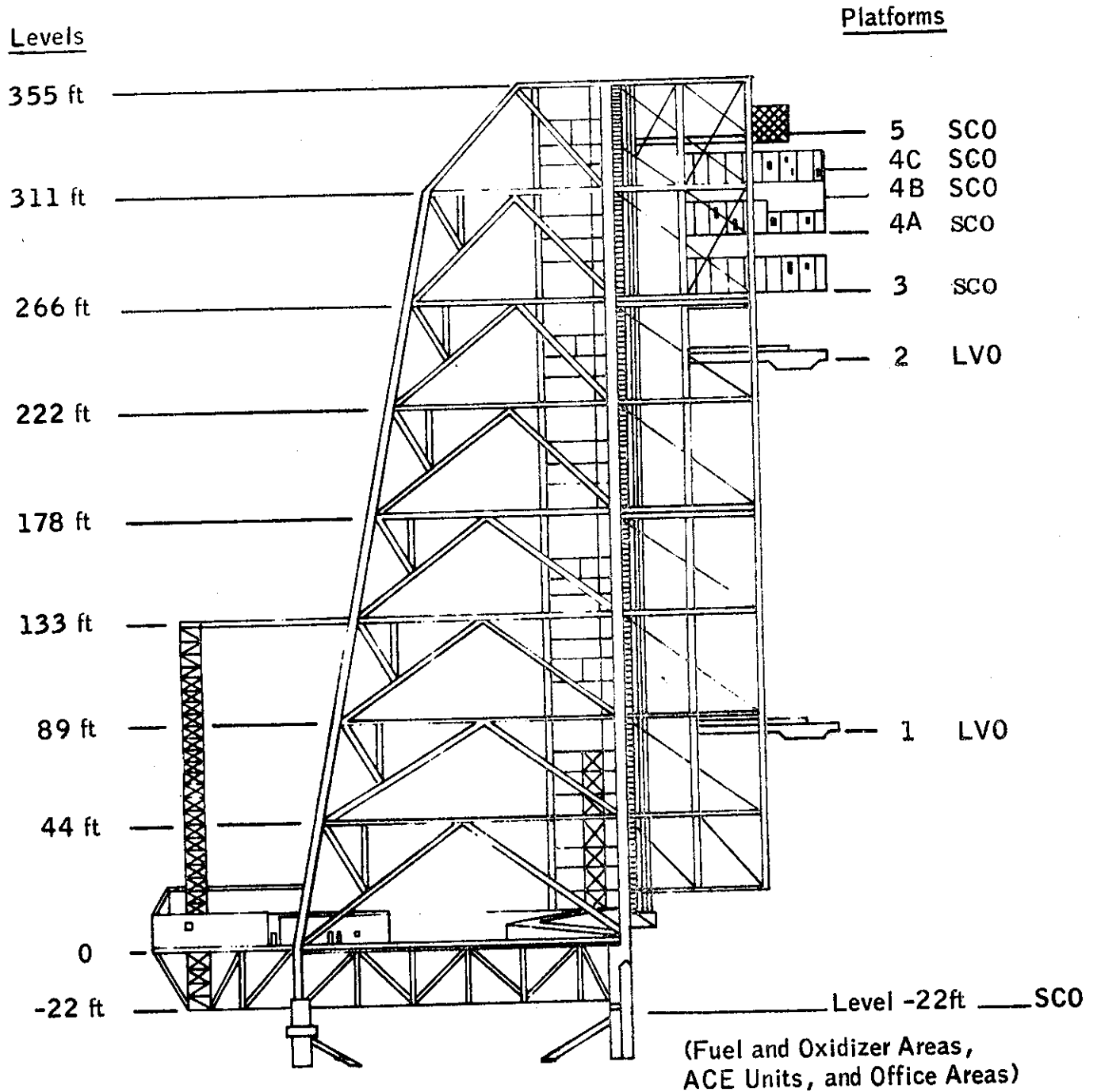
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MOBILE LAUNCHER NO. 2 - LEVEL B

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 Dated: November 1, 1972

MSS Platforms DLO
 Mobile Service Structure
 (except platforms) DTS



MOBILE SERVICE STRUCTURE

KSC LOD NO. 12B
Dated: November 1, 1972

HIGH BAY EXTENSIBLE PLATFORMS *

<u>PLATFORM</u>	<u>ASSIGNMENT</u>
A - Roof	Spacecraft Operations
A - 2	Spacecraft Operations
A - 1	Spacecraft Operations
B - Roof	Spacecraft Operations
B - 2	Spacecraft Operations
B - 1	Launch Vehicle Operations
C - Roof	Launch Vehicle Operations
C - 2	Launch Vehicle Operations
C - 1	Launch Vehicle Operations
D - Roof	Launch Vehicle Operations
D - 3	Launch Vehicle Operations
D - 2	Launch Vehicle Operations
D - 1	Launch Vehicle Operations
E - Roof	Launch Vehicle Operations
E - 1	Launch Vehicle Operations

* NOTE: For Apollo and Skylab 2, 3, 4, and R

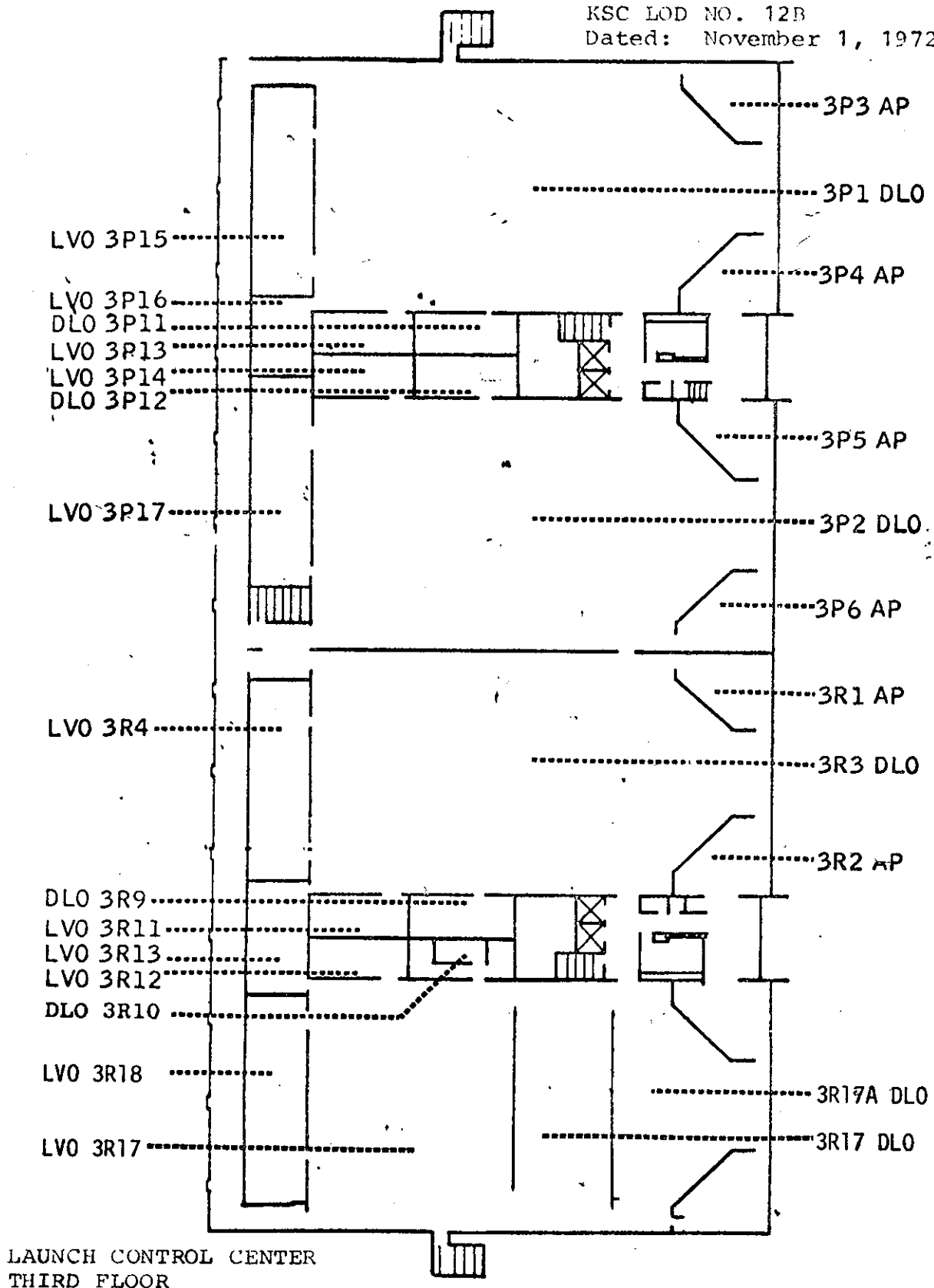
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HIGH BAY EXTENSIBLE PLATFORMS *

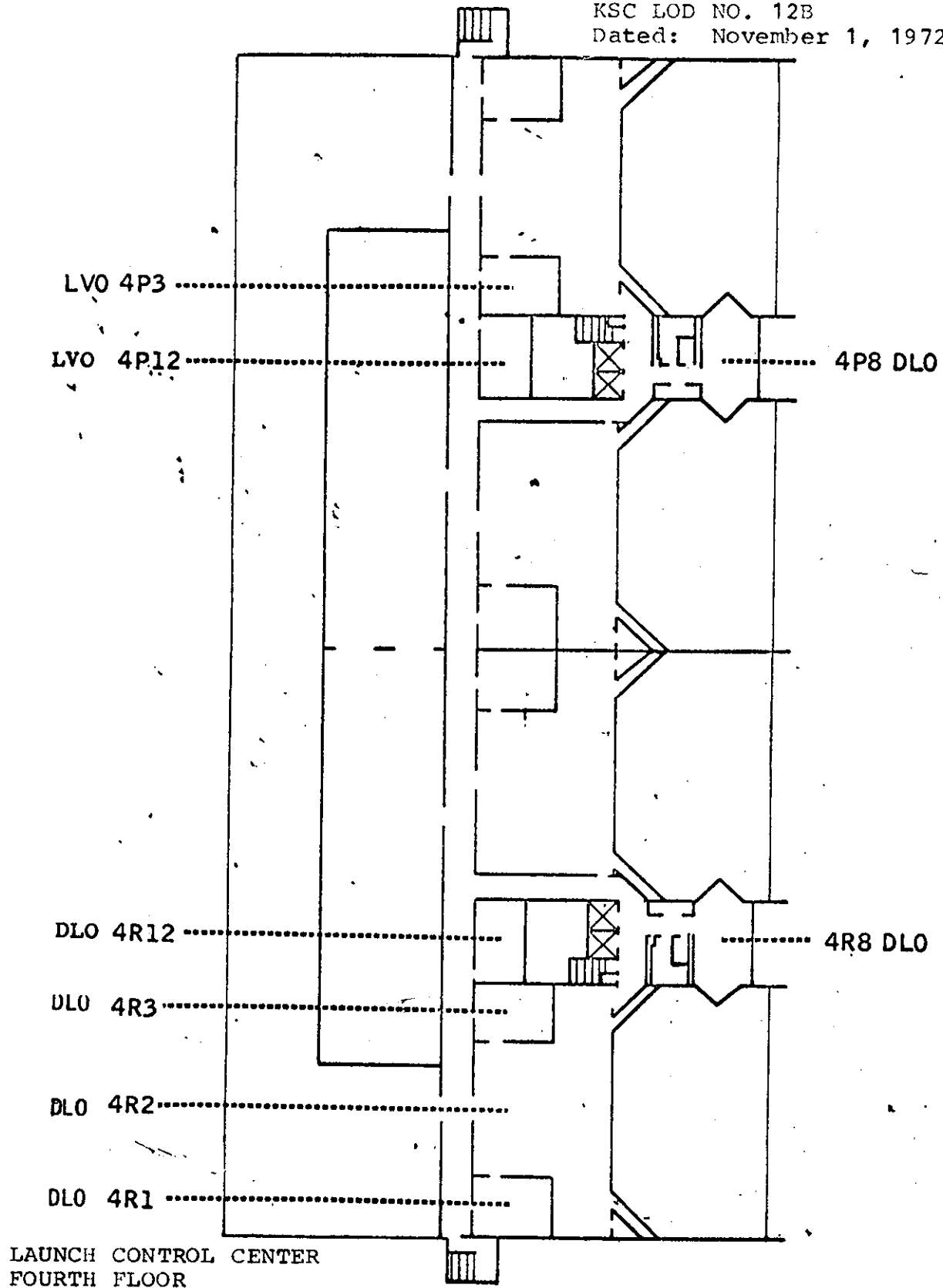
<u>PLATFORM</u>	<u>ASSIGNMENT</u>
A - Roof	Spacecraft Operations
A - 2	Spacecraft Operations
A - 1	Spacecraft Operations
B - Roof	Spacecraft Operations
B - 2	Spacecraft Operations
B - 1	Launch Vehicle Operations
C - Roof	Spacecraft Operations
C - 2	Spacecraft Operations
C - 1	Launch Vehicle Operations
D - Roof	Launch Vehicle Operations
D - 3	Launch Vehicle Operations
D - 2	Launch Vehicle Operations
D - 1	Launch Vehicle Operations
E - Roof	Launch Vehicle Operations
E - 1	Launch Vehicle Operations

* NOTE: For Skylab 1 only

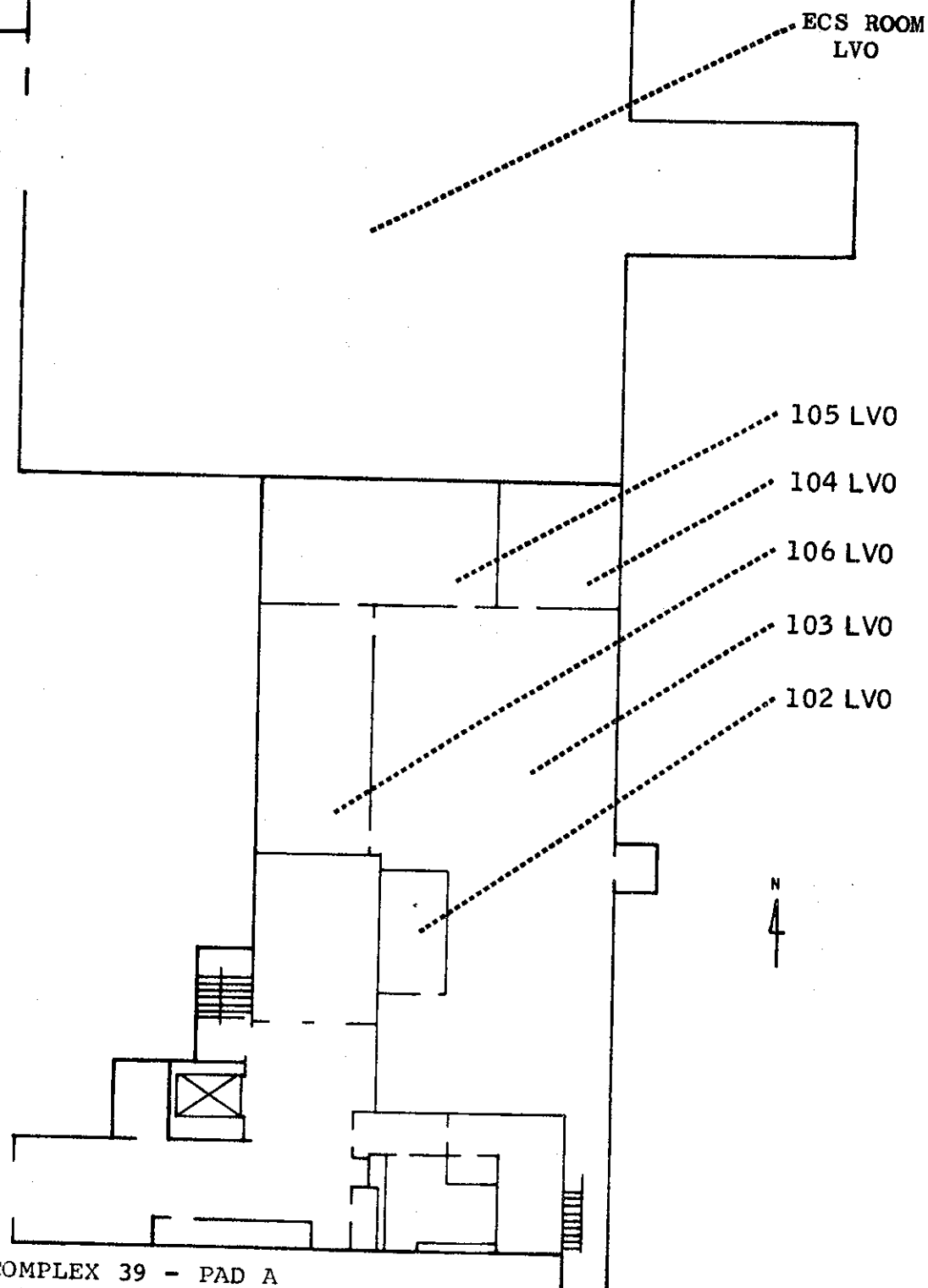
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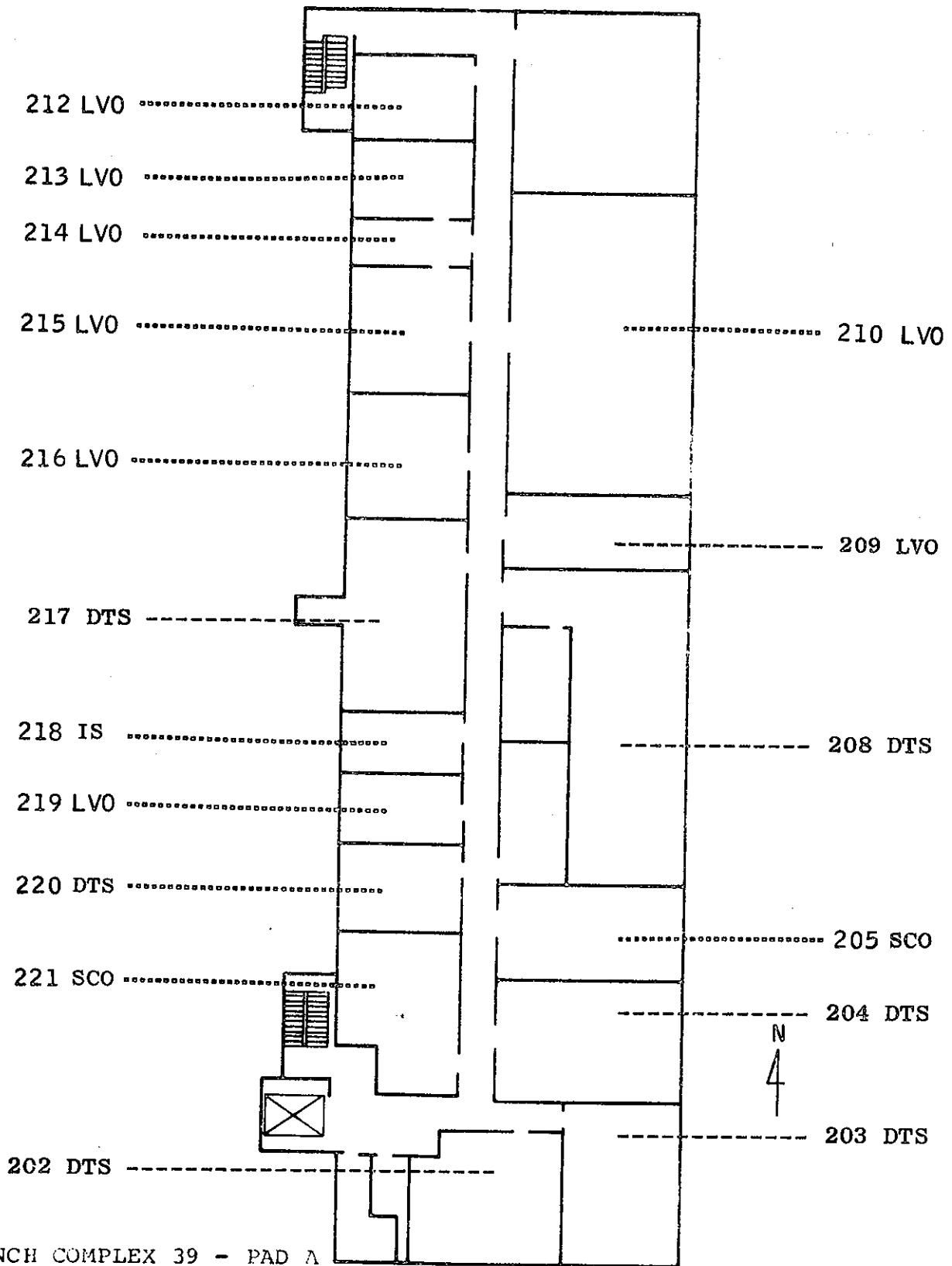


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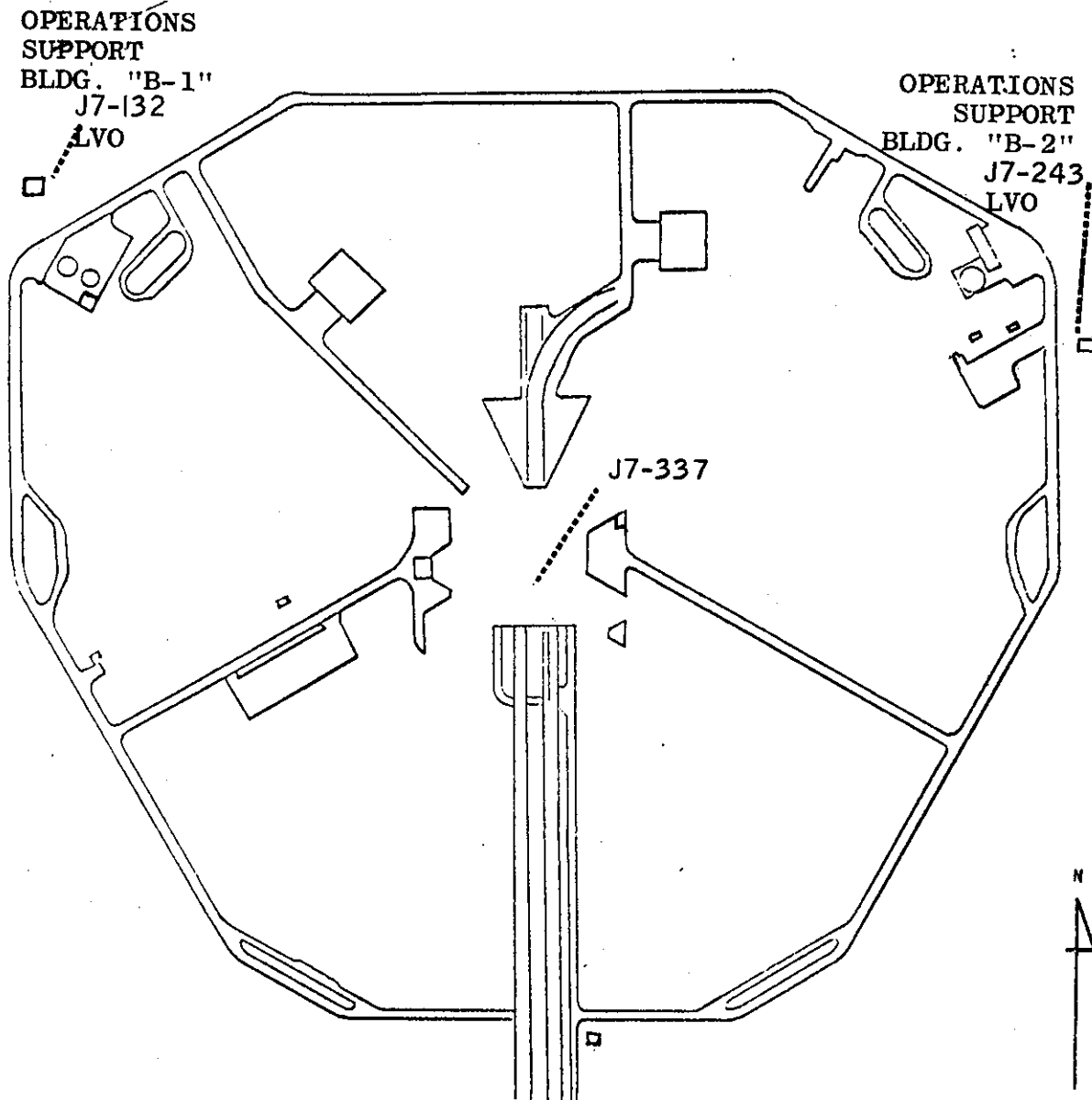
LAUNCH COMPLEX 39 - PAD A
PTCR AND ECS BUILDING NO. J8-1708 - FLOOR 1

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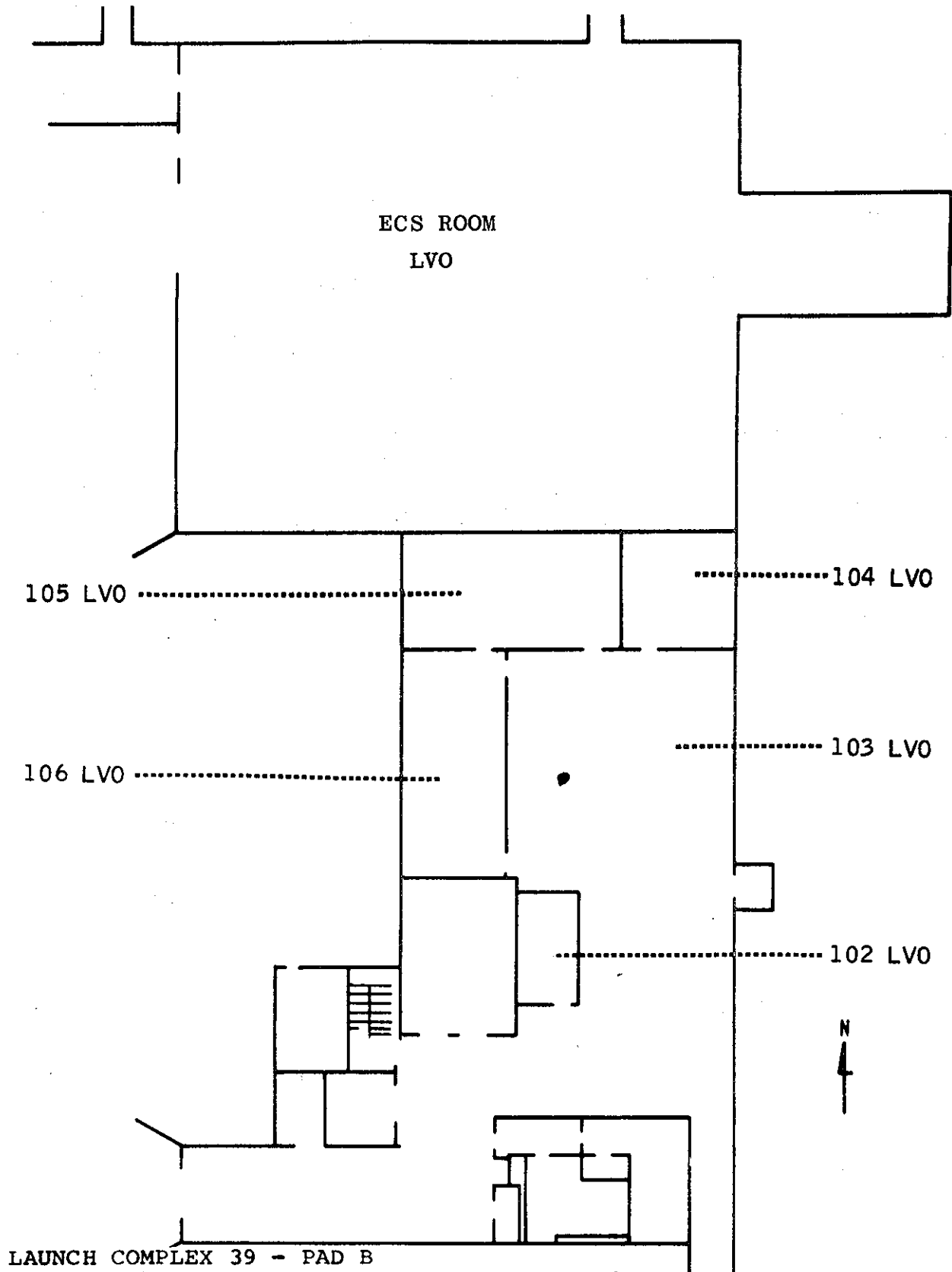
LAUNCH COMPLEX 39 - PAD A
PTCR AND ECS BUILDING NO. J8-1708 - FLOOR 2

KSC LOD NO. 12B
Dated: November 1, 1972

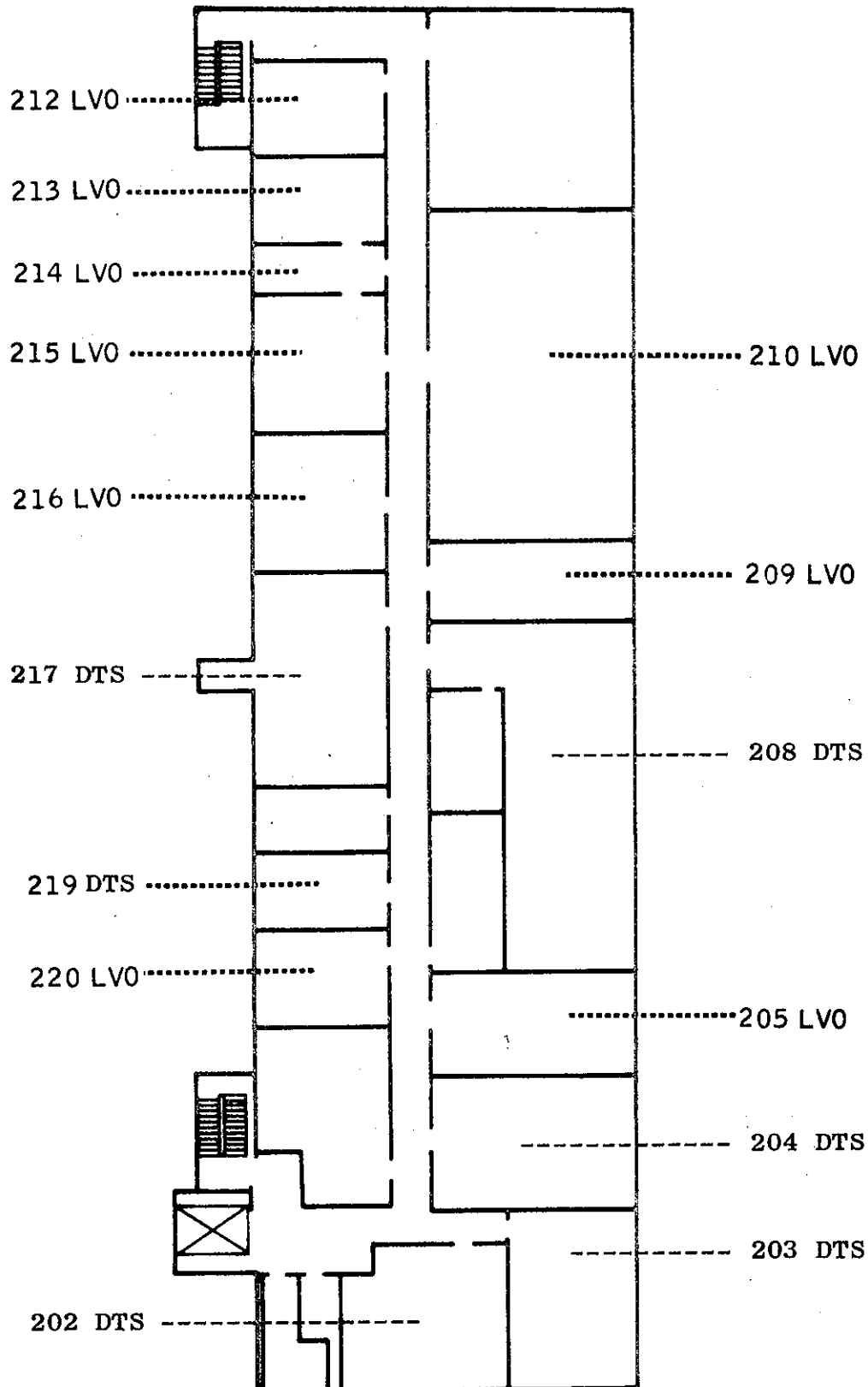


LAUNCH COMPLEX 39 - LAUNCH PAD B - PLAN VIEW

KSC LOD NO. 12B
Dated: November 1, 1972



LAUNCH COMPLEX 39 - PAD B
PTCR AND ECS BUILDING NO. J7-337 - FLOOR 1



LAUNCH COMPLEX 39 - PAD B
PTCR AND ECS BUILDING NO. J7-337 - FLOOR 2

Attachment 17